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No. 26 June 1982



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# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 1] नई दिल्ली, शनिवार, जनवरी 2, 1982 (पौष 12, 1903)  
No. 1] NEW DELHI, SATURDAY, JANUARY 2, 1982 (PAUSA 12, 1903)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE  
PATENTS AND DESIGNS

Calcutta, the 2nd January 1982

APPLICATION FOR PATENTS FILED AT THE HEAD  
OFFICE, 214, ACHARYA JAGADISH BOSE ROAD,  
CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed  
under Section 135, of the Act.

26th November 1981

- 30/Cal/81 Maplan Maschinen—und technische Anlagen,  
Planungsund Fertigungs-Gesellschaft m.b.H. Double-  
worm extrusion press.
- 1331/Cal/81. Dynamit Nobel Aktiengesellschaft. Process  
for producing terephthalic acid from dimethylterephthalate  
as intermediate product
- 1332/Cal/81. Robert Bosch GmbH. Device for adjustment  
of fuel delivered by the pump elements of fuel  
injection pumps.
- 1333/Cal/81. Schlumberger Limited. Method for seismic  
exploration by vertical seismic profiling and installation  
for its implementation.
- 1334/Cal/81. G. Schlotter. A bobbin
- 1335/Cal/81. Metallgesellschaft A.G. Rotary hearth furnace  
plant.
- 1336/Cal/81. Deutsche Gold-Und Silver Schmelzanstalt Vormal  
Roessler. Sodium-or potassium methionate  
solutions for supplementing with methionine industrially  
produced mixed feeding stuff.
- 1337/Cal/81. The Fertilizer (Planning & Development)  
India Ltd. Process for the manufacture of phosphoric acid  
from rock phosphate.
- 1338/Cal/81. The Fertilizer (Planning & Development)  
India Ltd. An improved process for obtaining stable granular  
NP/NPK fertilizer.
- 1339/Cal/81. Westinghouse Electric Corporation. Laminated  
grid and web magnetic cores.

27th November 1981

- 1340/Cal/81. Wallace Murtagh Corporation Isolator coupling  
for V-belts.
- 1341/Cal/81. Siemens Aktiengesellschaft. A remote monitoring  
system for telecommunications links
- 1342/Cal/81. BASF Aktiengesellschaft. N-pyrimidinyl-carbamic  
acid esters, their preparation, and drugs containing these  
compounds.
- 1343/Cal/81. Scovill Japan Kabushiki Kaisha Button.
- 1344/Cal/81. Brown & Williamson Tobacco Corporation.  
Improved cigarette filter.
- 1345/Cal/81. Monsanto Company. Method for inhibiting  
corrosion of iron and zinc metal surfaces in contact with an  
aqueous agricultural composition. [Divisional date May 12, 1978]
- 1346/Cal/81. Donetsk Nauchno-Issledovatel'sky Institut  
Chernoi Metallurgii and Donetsk Politekhnichesky Institut.  
Aeration feeder for supplying pulverized coal to blast furnace  
hearth

28th November 1981

- 1347/Cal/81 Pressels Pvt. Ltd. Single drum water tube  
boiler with integrated header boxes.
- 1348/Cal/81. PLM AB. A method and device for producing  
a tubular object.
- 1349/Cal/81. PJM AB. Method and device for moulding a  
container
- 1350/Cal/81. Whitehall Corporation. Seismic streamer connector  
assembly.
- 1351/Cal/81. Metallgesellschaft A.G. Nozzle block for rotary  
kilns.
- 1352/Cal/81. Veb Kombinat Fortschritt. Processing cylinder  
for continuously operating butter-making machines
- 1353/Cal/81. Prof. S. K. Dhal. Low friction gears

30th November 1981

- 1354/Cal/81. H. Ishizuka. Improved electrolytic cell for magnesium chloride.
- 1355/Cal/81. Upravlenie PO Proektirovaniyu Zhilishchno-Grazhdanskogo I Kommunalnogo Stroitelstva Mosproekt-I. Auditorium of show business structures.
- 1356/Cal/81. SKF Steel Engineering Aktiebolag. Method and device for continuous supply of lumps of material to a shaft.
- 1357/Cal/81. S.K.F. Steel Engineering Aktiebolag. Selective reduction of heavy metals.
- 1338/Cal/81. SKF Steel Engineering AB. Method and device for the manufacture of a gas substantially containing carbon monoxide and hydrogen gas from a starting material containing carbon and/or hydrocarbon.
- 1359/Cal/81. Union Carbide Corporation. Process for the production of methanol from synthesis gas.

1st December 1981

- 1360/Cal/81. Dynamit Nobel Aktiengesellschaft. Process for obtaining and reuse of heavy metal oxidation catalyst from residues in the witten-DMT process.
- 1361/Cal/81. Brown & Williamson Tobacco Corporation. Improved cigarette filter.
- 1362/Cal/81. Euteco Impianti S.p.A. Improvements in the process for the preparation of catalysts based on iron and molybdenum oxides
- 1363/Cal/81. Atlas Copco Jarva, Inc. Tunnel boring machine.
- 1364/Cal/81. Union Carbide India Limited. Improved flash-light.

2nd December 1981

- 1365/Cal/81. J. Lawrence. A trap.
- 1366/Cal/81. Kraftwerk Union Aktiengesellschaft. Electro-hydraulic adjusting drive for turbine valves
- 1367/Cal/81. B. P. Yoo. Envelope with tear filament.
- 1368/Cal/81. Institute PO Metaloznanie I Technologia NA Metalite. Method and machine for pressure diecasting.
- 1369/Cal/81. Institut DF Recherches DE LA Siderurgie Francaise Irsid. Process for forming the bottoms of metallurgical receptacles.
- 1370/Cal/81. Indian Jute Industries' Research Association. Special sacks and like containers from jute fabrics for packing potato, onion, green tea leaf and other suitable materials.
- 1371/Cal/81. Indian Jute Industries' Research Association. A process for the manufacture of polyethylene/polypropylene/any other thermoplastics film laminated jute fabric non-woven felt to be used for manufacture of flexible packaging.
- 1372/Cal/81. D. Dasgupta. Nisa laboratory gas generator.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH TODI ESTATES III FLOOR, LOWER PAREI (W) BOMBAY-13

3rd November, 1981

- 308/Bom/1981. Techno Plast Industries. Airtight dropper with cap assembly for phials.
- 309/Bom/1981. Hindustan Lever Limited. A process for making an improved dimensionally stable bar. (Divisional date August 31, 1978.)
- 310/Bom/1981. Mulraj Goculdas. A coupling for regulating the filling of gas such as LPG into a container.

- 311/Bom/1981. Vasant Mukund Joshi. An automatic sewing machine.

5th November, 1981

- 312/Bom/1981. Sol-Ray Appliances Pvt. Limited. A pressure sealing arrangement for water heater and like devices.

6th November, 1981

- 313/Bom/1981. Mohandas Agrawal and Mrs. Manju Agrawal. Improved fusc switch for low-tension electric supply.

12th November, 1981

- 314/Bom/1981. Pressure Cookers & Appliances Limited. Infra Red Electric Cooking Appliance.
- 315/Bom/1981. Rajju Shroff. Model Aeroplane Toy.

13th November, 1981

- 316/Bom/1981. Nordipa A.G. Transferable Enamel Sheet as well as method and apparatus for its fabrication.

16th November, 1981

- 317/Bom/1981. Shriam Sadashiv Gomashe. Autoelectric Pressure Cooker.
- 318/Bom/1981. Shriram Sadashiv Gomashe. Improved Kerogas Stove.
- 319/Bom/1981. Sunanda Baburao Siddham. Single Test Device.

17th November, 1981

- 320/Bom/1981. Prabhakar Ganesh Kelkar. A variable speed rotating type electric machine for generating electrical power or converting electrical power into mechanical power and method of manufacturing the same.

18th November, 1981

- 321/Bom/1981. Burroughs Corporation. Devnagari/English Terminal Printer System.
- 322/Bom/1981. Prabhakar Ganesh Bhide. Electrical Fuel Pumps.

20th November, 1981

- 323/Bom/1981. Dholaria Karsan Ramjibhai. A safety device for diesel engines.

23rd November, 1981

- 324/Bom/1981. Rajeev Prabhakar Naik and another. Improvement in the rotation of physically driven machine by means of zig-zag motion.
- 325/Bom/1981. Prasanta Ray. Pneumatic Door Closer.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

25th November, 1981

- 213/Mas/81. P. Mathivanan. Mechanical Domestic Wet Grinder with Rotating Pestle and Stationary Mortar.

26th November, 1981

- 214/Mas/81. V. V. T. Thirupathy. Device for Sucking, tree juice and gum.
- 215/Mas/81. Kontiki Chemicals & Pharmaceuticals Pvt. Ltd. Process for the production of Heavy Metal Ion Adsorbent.

6/Mas/81. T. P. P. Achari. An Improved Plough.

7/Mas/81. Kontiki Chemicals and Pharmaceuticals Pvt. Ltd. Improvements in or relating to Aminoplastic Synthetic Resin Adhesives.

27th November, 1981

218/Mas/81. Indian Institute of Technology. A Device for Picking up and Displaying a Three-Dimensional TV Image of a Three-Dimensional Object.

219/Mas/81. A. C. Arokiaswamy. Formulage.

220/Mas/81. K. Gopalakrishnan. A Bicycle Powered Grain Thrashing Attachment for Thrashing Rice & Wheat.

221/Mas/81. S. Kunchithapadam. The Gravity Pumping System.

#### ALTERATION OF DATE

449517.

930/Cal/79. Ante-dated December 8, 1976.

149518.

239/Cal/80. Ante-dated January 27, 1978.

149519.

415/Del/80. Ante-dated March 30, 1978.

149520.

416/Del/80. Ante-dated March 30, 1978.

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 90C & I.

149507

Int. Cl.-C03b 37/00.

METHOD AND APPARATUS FOR PRODUCING GLASS FIBERS FOR PRODUCTION OF GLASS FIBER MATS.

*Applicant* : JOHNS-MANVILLE CORPORATION, AT KEN-CARYL RANCH, JEFFERSON COUNTY, COLORADO, P.O. BOX 5723, DENVER, COLORADO 80217, UNITED STATES OF AMERICA.

*Inventor* : ROMAIN EUGENE LOEFFLER.

Application No. 179/Cal/78 filed February 16, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims. No drawings.

Apparatus for producing glass fibers for production of glass fiber mats comprising :

a plurality of laterally spaced apart fiber generators for producing gaseous streams of fibers moving in a generally horizontal direction;

a moving collection surface located below said fiber generators, said collection surface moving in a direction normal to the alignment of said generators;

a plurality of stationary conduits adjacent said generators, each of said stationary conduits having a generally horizontal portion for conducting said gaseous streams of fibers away from said generators and a downwardly extending portion for turning said gaseous streams of fibers from the generally horizontal direction and for directing said gaseous streams of fibers downwardly toward said collection surface;

a corresponding number of open-ended forming tubes communicating with the downwardly extending portions of said stationary conduits the lower portions of said forming tubes having ends opening towards said collection surface, and

means for mounting said forming tubes so that each forming tube may be individually or collectively fixedly positioned relative to the other forming tubes and at various angular orientations in a plane substantially perpendicular and transverse to the direction of the movement of said collection surface whereby fibers may be evenly distributed over the width of said collection surface.

Comp. Specn. 22 Pages.

Drgs. Nil.

CLASS 98-I.

149508.

Int. Cl.-F24j 3/02

MOUNTING OF SOLAR WATER HEATERS ON DIFFERENT TYPE OF SURFACES.

*Applicant* : SHELL OIL SOUTH AFRICA (PROPRIETARY) LIMITED, OF SHELL HOUSE, GREEN MARKET SQUARE, CAPE TOWN, CAPE PROVINCE, REPUBLIC OF SOUTH AFRICA.

*Inventor* : BAREND JOHANNES DU PLOOY.

Application No. 243/Cal/78 filed March 7, 1978.

Convention date November 14, 1977/(185673/77) New Zealand.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A mounting kit for mounting a solar water heater on different types of surfaces, the kit including at least one mounting member which is annular and which is of wedge-like shape, the mounting member having an upper edge and a lower edge which lie in substantially transverse planes inclined at an angle relative to each other, the upper edge having sufficient outer dimensions to support a base of the solar water heater and the lower edge being locatable on the surface, thereby to permit the solar water heater to be supported at an angle relative to the surface.

Comp. Specn. 8 Pages.

Drgs. 2 Sheets.

CLASS 27E.

149509.

Int. Cl.-E04g 21/12.

DEVICE FOR SIMULTANEOUSLY STRESSING A NUMBER OF TENSION ELEMENTS.

*Applicant* : DYCKERHOFF AND WIDMANN AKTIENGESELLSCHAFT, OF ERDINGER LANDSTRASSE 1, 8000 MUNCHEN 81, FEDERAL REPUBLIC OF GERMANY.

*Inventor* : PETER AUER.

Application No. 272/Cal/78 filed March 14, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 3 Claims.

Device for the simultaneous tensional stressing of a plurality of elongated tension elements (2) for prestressing a concrete member, such as rod-shaped tension elements where each tension element includes an anchor element (3) mounted thereon and an anchor nut (4) adjustably positionable on the tension element (2) into engagement with the anchor element (3), a puller (6) for each tension element, a mechanically driven spindle (8) connected to each said puller, said spindle arranged to be connected to a tension element (2) to be stressed such as illustrated, a mechanically driven wrench sleeve (9) associated with each said spindle (8) and arranged to adjust the anchor nut (4) associated with the tension element (2) to which said spindle (8) associated with said wrench sleeve (9) is arranged to be connected, a drive means for mechanically rotationally driving each of said spindles (8) and each of said wrench sleeves (9), said drive means including a power source and a drive train connected to and extending between said power source and said spindles and wrench sleeves, and safety clutches located in said drive train, wherein the improvement comprises that a separate said safety clutch (14) is provided for each said spindle (8) and a safety clutch (16) for each wrench sleeve (9).

Comp. Specn. 9 Pages.

Drgs. 2. Sheets.

CLASS 103 &amp; 108B.

149510.

Int. Cl.-C23f 9/02.

PROCESS OF TREATING SPONGE IRON FOR PROTECTION AGAINST REOXIDATION AND APPARATUS FOR CARRYING OUT THE PROCESS.

*Applicant* : VOEST-ALPINE AKTIENGESellschaft, OF A-1011, VIENNA, FRIEDRICHSTRASSE 4, AUSTRIA.

*Inventors* : KURT STIFL, HORST SULZBACHER AND GUNTHER SAIGER.

Application No. 762/Cal/78 filed July 10, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 14 Claims.

A process of treating sponge iron for protection against reoxidation and/or corrosion in storage and transit, characterized in that particles of sponge iron which has been produced are tumbled in a blend of caustic lime powder and adhesion-promoting additives, such as iron and its oxide, particularly Fe<sub>2</sub>O<sub>3</sub> and Fe<sub>3</sub>O<sub>4</sub>, and are then moistened with a quantity of water which is smaller than the quantity of water required for a complete hydration of the caustic lime.

Comp. Specn. 14 Pages.

Drg. 1 Sheet.

CLASS 48A.

149511.

Int. Cl.-H01b 1/02.

STEEL-CORED ALUMINIUM CABLE, ESPECIALLY FOR ELECTRIC POWER CONDUCTION AND PROCESS FOR PRODUCING SUCH CABLE.

*Applicant* : DECEMBER "4" DROTMUVEK, OF 3501 MISKOLC, BUDAPEST 116 HUNGARY.

*Inventors* : ISTVAN BARKOCZY, JANOS LONCSAK, GYULA KADERJAK AND ALBERT VERES.

Application No. 948/Cal/78 filed August 29, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 13 Claims.

A steel-cored aluminium cable for the transmission of electrical power, comprising a multi-strand steel core; a layer of aluminium sheet surrounding said steel core; and an outer covering of aluminium strands disposed on said layer characterised in that the layer of aluminium sheet being disposed around the steel core in a compressed state such that said layer is deformed and enter the recesses between adjacent strands of said core and said outer covering of aluminium strands being disposed on said layer in compressed state so

that the aluminium strands are deformed, so that adjacent aluminium strands about tightly and so that the outer surface of the layer of aluminium sheet is deformed.

Comp. Specn. 30 Pages.

Drg. 1 Sheet

CLASS 57A &amp; D.

149512.

Int. Cl.-E05f 11/54, 15/02.

DOOR OPERATION DEVICE.

*Applicant* : MACGREGOR INTERNATIONAL S.A. OF ST. JAKOBS STRASSE 9, CH-4002 BASEL, SWITZERLAND.

*Inventor* : PIEFER VAN DE WERKEN.

Application No. 982/Cal/78 filed September 8, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims.

An operating device for a door or hatch, characterized by a piston and cylinder assembly, whose piston with interconnected piston rod can be hydraulically or pneumatically reciprocated for opening and closing the door or the hatch, and by a crank great for manual operation which, independently of the starting position of the piston rod, is also adapted for reciprocating same for opening and closing the door or the hatch and wherein the piston rod is hollow and that in the hollow piston rod there extends a threaded rod forming part of the crank gear, said threaded rod being adapted for coaction with a portion of the hollow piston rod functioning as nut.

Comp. Specn. 7 Pages.

Drg. 1 Sheet.

CLASS 107G &amp; 175H.

149513.

Int. Cl.-F02f 3/02.

PISTON FOR INTERNAL COMBUSTION ENGINES HAVING A PISTON BODY CONSISTING OF LIGHT METAL AND A CROWN PLATE.

*Applicant* : MAHLE GMBH, OF 26-46 PRAGSTRASSE, STUTTGART, GERMANY (WEST).

*Inventor* : JURGEN ELLERMANN.

Application No. 1187/Cal/78 filed November 2, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

## 3 Claims.

Piston for internal combustion engines having a piston body consisting of light metal and a crown plate consisting of a metal of lower thermal conductivity which is secured axially to the piston body by means of necked-down screws and centred radially in relation to the piston body by means of an annular fit, and in which the outer ring of the fit is formed by the crown plate in the region of the sliding surface and the inner ring of the fit is formed by the piston body is characterised in that at room temperature a gap widening in the direction towards the piston foot is provided between the annular surfaces of crown plate and piston body meeting in the annular fit, in such a way that the annular surfaces lie firmly against one another only at their ends pointing towards the piston head, and that this gap is reduced at working temperature.

Comp. Specn. 6 Pages.

Drg. 1 Sheet.

CLASS 206G.

149514.

Int. Cl.-H01L 3/00.

IMPROVED PASSIVATING METHOD FOR THE PRODUCTION OF AN INTEGRATED CIRCUIT DEVICE.

*Applicant* : RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK, 10020, UNITED STATES OF AMERICA.

**Inventors :** ROBERT HERMAN DAWSON AND GEORGE LUTHER SCHNABLE.

Application No. 1329/Cal/78 filed December 14, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

7 Claims.

An improved passivating method for the production of an integrated circuit device of the type comprising a substrate of semiconductor material having semiconductor devices formed therein, the improvement comprising the steps of : (a) covering said body with an impervious layer as herein described; (b) covering said impervious layer with a phosphosilicate glass layer as herein described; (c) forming contact openings through said phosphosilicate glass layer; (d) heating said phosphosilicate glass layer in the presence of steam at a temperature sufficient to cause the edges of said contact openings formed in said phosphosilicate glass to become rounded, (e) extending said contact openings through those portions of said impervious layer which are exposed through the contact openings formed in the phosphosilicate glass layer; and (f) applying a metal over the surface of said phosphosilicate glass layer, whereby said metal will extend through said contact openings to make electrical contact to underlying portions of the semiconductor material which are exposed through said contact openings.

Comp. Specn. 23 Pages.

Drg. 4 Sheets.

CLASS 131B<sub>3</sub> & 136B.

149515.

Int. Cl.-B29d 23/00.

A PLASTICS WELL PIPE.

**Applicant :** WAVIN B. V., OF 251 HANDELLAAN, 8031 EM ZWOLLE, THE NETHERLANDS.

**Inventor :** HENDRIKUS TER WIJLEN.

Application No. 65/Cal/79 filed January 22, 1979.

Convention date November 10, 1978/(2229/78) Ireland.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

12 Claims.

A plastics well pipe comprising a perforated wall, characterized in that the plastics well pipe includes an outer wall and an inner wall longitudinal connecting partitions being integral with the inner and outer wall extending therein between and the channels formed by the connecting partitions being connected to the outside of the channels through bores in a wall of said pipe.

Comp. Specn. 10 Pages.

Drg. 2 Sheets

CLASS 32F<sub>3</sub>b.

149516.

Int. Cl.-C07c 63/00.

REACTOR FOR THE OXIDATION OF ALKYL AROMATIC COMPOUNDS IN THE LIQUID-PHASE WITH OXYGEN-CONTAINING GASES.

**Applicant :** DYNAMIT NOBEL AKTIENGESELLSCHAFT, OF 521 TROISDORF, BENZ. KOLN., WEST GERMANY.

**Inventors :** ANTON SCHOENGEN AND DR. HEINRICH SCHROEDER.

Application No. 130/Cal/79 filed February 13, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

21 Claims.

A reactor suitable for the oxidation of a mixture of p-xylene and methyl p-toluate in the liquid phase with oxygen-containing gases at elevated temperature and pressure in the presence of an oxidation catalyst, comprising a reactor vessel having inlet means for the oxidation gas, for the said mixture to be oxidized and for the oxidation catalyst, outlets for gas

or vapour and for the oxidation product, and at least one group of substantially horizontal cross-flow cooling pipes for removing the heat of reaction.

Comp. Specn. 31 Pages.

Drg. 6 Sheets.

CLASS 32F<sub>1</sub> & F<sub>2</sub> a & 55D<sub>2</sub>.

149517

Int. Cl.—C07c 87/60, AO1n 9/00.

PROCESS FOR PREPARING 2, 6-DINITROANILINE HERBICIDES.

**Applicant :** AMERICAN CYANAMID COMPANY AT WAYNE, NEW JERSEY, UNITED STATES OF AMERICA.

**Inventors :** ALBERT WILLIAM LUTZ AND ROBERT EUGENE DIEHL.

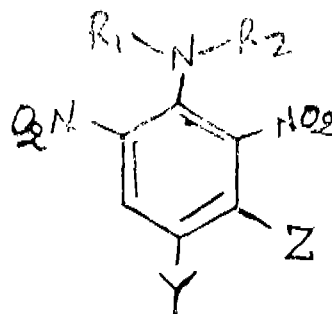
Application No. 930/Cal/79 filed September 6, 1979.

Division of Application No. 2170/Cal/76 filed December 8, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A process for producing a compound of the formula I.



wherein R<sub>1</sub> is hydrogens R<sub>2</sub> is *sec*-alkyl C<sub>3</sub>—C<sub>7</sub>; monochloro-*sec*-alkyl C<sub>3</sub>—C<sub>4</sub> or methoxy-*sec*-alkyl C<sub>3</sub>—C<sub>4</sub>; Z is —CHR<sub>3</sub> OCH<sub>3</sub>, R<sub>3</sub> being hydrogen or —CH<sub>3</sub>; and Y is chloro or alkyl selected from the group consisting of—CH<sub>3</sub>, —C<sub>2</sub>H<sub>5</sub>, *n* propyl, *i*-propyl and *t* butane and compounds of formula (I) selected from the group wherein; R<sub>1</sub> is hydrogen; Z is —CH<sub>3</sub>; and R<sub>2</sub> and Y respectively are —CH(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub> and *i* pr or —CH(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub> and C<sub>2</sub>H<sub>5</sub> or —CH(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub> and *sec*-Bu or CH(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub> and *n*-pr or CH(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub> and *n* Bu or *i*-pr and C<sub>2</sub>H<sub>5</sub> or *sec*-Bu and C<sub>2</sub>H<sub>5</sub> or *i*-pr or *sec*-Bu and *i*-pr or —CH(C<sub>2</sub>H<sub>5</sub>) CHCl and —Cl or —CH(CH<sub>3</sub>)—*n*-pr and —C<sub>2</sub>H<sub>5</sub> or —CH(C<sub>2</sub>H<sub>5</sub>) CH<sub>2</sub> Cl and —C<sub>2</sub>H<sub>5</sub> or —CH(CH<sub>3</sub>) CH<sub>2</sub> Cl and —C<sub>2</sub>H<sub>5</sub> or —CH(CH<sub>3</sub>) CH<sub>2</sub> Cl and —C<sub>2</sub>H<sub>5</sub> or —CH(CH<sub>3</sub>) CH<sub>2</sub> Cl and *n*-pr and C<sub>2</sub>H<sub>5</sub> or *sec*-Bu and *n*-pr or —CH(CH<sub>3</sub>)—*n*-pr and *n* pr or —CH(CH<sub>3</sub>)—*n*-pr and *i*-pr or —CH(CH<sub>3</sub>) CH<sub>2</sub> Cl and *n*-pr or —CH(CH<sub>3</sub>) CHCl and *i*-pr or —CH(CH<sub>3</sub>) CH<sub>2</sub> CH<sub>2</sub> Cl and *n*-pr or —CH(CH<sub>3</sub>) CH<sub>2</sub> CH<sub>2</sub> Cl and *i*-pr or —CH(CH<sub>3</sub>) CH<sub>2</sub> CH<sub>2</sub> Cl and *n*-pr or —CH(CH<sub>3</sub>) CH<sub>2</sub> OCH<sub>3</sub> and —C<sub>2</sub>H<sub>5</sub> or —CH(CH<sub>3</sub>) CH<sub>2</sub> OCH<sub>3</sub> and *n*-pr or —CH(CH<sub>3</sub>) CH<sub>2</sub> OCH<sub>3</sub> and *i*-pr or —CH(CH<sub>3</sub>) CH<sub>2</sub> CH<sub>2</sub> OCH<sub>3</sub> and *i* pr or —CH(CH<sub>3</sub>) CH<sub>2</sub> CH<sub>2</sub> OCH<sub>3</sub> and —CH or CH(CH<sub>3</sub>) CH<sub>2</sub> CH<sub>2</sub> OCH<sub>3</sub> and C<sub>2</sub>H<sub>5</sub> or —CH(CH<sub>3</sub>) CH<sub>2</sub> CH<sub>2</sub> OCH<sub>3</sub> and *n*-pr or —CH(CH<sub>3</sub>) CH<sub>2</sub> CH<sub>2</sub> OCH<sub>3</sub> and *i*-pr; and compounds of formula (I) selected from the group wherein; R<sub>1</sub> is hydrogen, R<sub>2</sub> is *i*-Bu or *n*-pr, Z is —CH<sub>2</sub>OCH<sub>3</sub>; and Y is *i*-pr or —CH<sub>3</sub> or —C<sub>2</sub>H<sub>5</sub>, is hydrogen R<sub>2</sub> is —CH(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>, Y is *n*-But Z is CH<sub>2</sub>OCH<sub>3</sub>, R<sub>1</sub> is H, R<sub>2</sub> is *n* Bu, Z is —CH<sub>2</sub>OCH<sub>3</sub> and Y is *i*-pr; R<sub>1</sub> is H, R<sub>2</sub> is *i*-pr, Z is —CH<sub>2</sub>OCH<sub>3</sub> and Y is *n*-C<sub>4</sub>H<sub>9</sub>R<sub>1</sub> is H, R<sub>2</sub> is —CH<sub>3</sub> (C<sub>2</sub>H<sub>5</sub>)<sub>2</sub> Z is —CH<sub>2</sub>—O—C<sub>2</sub>H<sub>5</sub> and Y is CH<sub>3</sub>; which comprises subjecting a correspondingly 1-substituted dinitro compound to reaction involving heating with an amino compound of formula NHR<sub>1</sub>R<sub>2</sub> wherein R<sub>1</sub> and R<sub>2</sub> are as defined before, comp. specn. 798, Drgs 3

CLASS 32F<sub>2</sub>b 149518.

Int. Cl.-C07d 5/04.

PROCESS FOR PREPARING 2-METHYL-2-CYANO-METHYL-5-ISOPROPYL-TETRAHYDROFURAN.

*Applicant*: ANIC S.P.A., OF VIA M. STABILE 216, PALERMO, ITALY.*Inventors*: ALDO PREVEDELLO, MAURIZIO BRUNELLI AND EDOARDO PLATONE.

Application No. 239/Cal/80 filed February 29, 1980.

Division of Application No. 101/Cal/78 filed January 27, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A method for the synthesis of 2-methyl-cyanomethyl-5-isopropyl tetrahydrofuran which comprises reacting 2, 6, 6-trimethyl-2-cyanomethyl-tetrahydropyran in the presence of a cationic ion-exchange resin such as herein described used as a catalyst at a temperature in the range of 80—180°C consistently with the stability of said resin.

Comp. Specn. 10 Pages.

Dig. 1 Sheet.

CLASS 55E<sub>2</sub> & F<sub>4</sub> 149519.

Int. Cl.-C07c 103/19.

PROCESS FOR THE PREPARATION OF STABLE DOXYCYCLINE COMPOSITIONS.

*Applicant*: PFIZER, INC. OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.*Inventor*: WILLIAM WELLESLEY ARMSTRONG.

Application No. 415/Del/80 filed June 4, 1980.

Division of Application No. 234/Del/78 filed March 30, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Delhi Branch.

4 Claims. No drawings.

A process for preparing a stable, high potency antibiotic composition which comprises reacting from 5 to 20% w/v of the composition of doxycycline or a pharmaceutically-acceptable acid addition salt thereof with from 1.8 to 2.2 molar proportions based on to doxycycline of a soluble, pharmaceutically-acceptable magnesium compound in an aqueous solvent comprising water and a co-solvent wherein the co-solvent is caprolactam or 2-piperidone; and adjusting the pH, if necessary, to a value of from 3.0 to 7.5 to form a magnesium/doxycycline chelate in solution, the caprolactam or 2-piperidone being employed at a concentration of from 50 to 70% w/v of the composition.

Comp. Specn. 14 Pages.

Drugs. Nil.

CLASS 55F<sub>2</sub> & E<sub>4</sub> 149520.

Int. Cl.-C07c 103/19.

PROCESS FOR THE PREPARATION OF STABLE CHLORTETRACYCLINE COMPOSITIONS.

*Applicant*: PFIZER, INC., OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.*Inventor*: WILLIAM WELLESLEY ARMSTRONG.

Application No. 416/Del/80 filed June 4, 1980.

Division of Application No. 234/Del/78 filed March 30, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Delhi Branch.

4 Claims. No drawings.

A process for preparing a stable, high potency antibiotic composition which comprises reacting from 10 to 15% w/v of the composition of chlortetracycline or a pharmaceutically-acceptable acid addition salt thereof with from 1.8 to 2.2

molar proportions based on the chlortetracycline of a soluble, pharmaceutically-acceptable calcium compound in an aqueous solvent comprising water and a co-solvent wherein the co-solvent is caprolactam or 2-piperidone; and adjusting the pH, if necessary, to a value of from 8.5 to 9.5 to form a calcium chlortetracycline chelate in solution, the caprolactam or 2-piperidone being employed at a concentration of from 60 to 70% w/v of the composition.

Comp. Specn. 11 Pages.

Drugs. Nil.

CLASS 146D<sub>3</sub>.

149521.

Int. Cl.-G02b 27/00.

A DEVICE TO SEE THE REAR VIEW.

*Applicant & Inventor*: ATULKUMAR VADILAL KHANDERIA, LUNIA BUILDING, NO. 6, NANNIAN STREET, MADRAS-600003, TAMIL NADU.

Application No. 145/Mas/79 filed August 2, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Madras Branch.

9 Claims.

A device to see the rear view comprising an inverted obtuse-angled L-shaped box which consists of a horizontal leg and a slanted leg wherein the front side of the slanted leg being tapered outwards along a vertical line in the middle, and inside the slanted leg of the said box being arranged three plain reflecting surfaces—one above the other such that only the middle reflecting surface faces the other two reflecting surfaces at different angles so that the rays received from behind the rear are finally reflected towards the user's eyes as an erect image with lateral inversion, the inner surfaces of the said box being coated with black colour to avoid diffusion of rays; the said box being kept on its user's head by means of an adjustable front holder and an adjustable rear holder.

Comp. Specn. 6 Pages.

Drugs. 1 Sheet.

CLASS 49H.

149522.

Int. Cl. A47j 27/09.

A PRESSURE COOKER.

*Applicant*: TT (PRIVATE) LIMITED, DOORAVANINAGAR, BANGALORE-560 016, KARNATAKA.*Inventor*: TIRUVALLUR THATTAI JAGANNATHAN.

Application No. 153/Mas/80 filed August 14, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Madras Branch.

2 Claims.

A pressure cooker comprising a body and lid, with an elastic gasket surrounding the interior of the lid to form a seal with the mouth of the body, characterised in that the periphery of the lid; adjacent the gasket, is provided with a slot running along, and exposing a portion of the gasket such that as the steam pressure within the cooker, during operation, reaches an unsafe value, the said portion of the gasket is thrust by the steam into the slot to open the seal and thus bleed the cooker of excessive pressure, the gasket, however, being manually reverted to its normal position thereafter to reform the seal.

Comp. Specn. 4 Pages.

Drugs. 1 Sheet.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

(1)

143164 143165 143166 143168 143169 143170 143172 143173  
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## AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Phillips Petroleum Company a corporation organised the laws is the State of Delaware, of Bartlesville, State of Oklahoma, United States of America have made an application under section 57 of the Patents Act, 1970 for amendment of complete specification of their application for patent No. 147762 for "An improved process for producing a culture medium containing a single cell portein material."

The amendments are by way of deletion. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification, at the Patent Office, Calcutta; the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

## REGISTRATION OF ASSIGNMENTS LICENCES, ETC (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by names of the parties claiming interests:—

119891. }  
121011 } M/s Envirotech Corporation

## PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents

No. 1	Title of the invention 2
143364 (24-02-75)	A process for the production of modified partially acetalised polyvinyl alcohol films.
143367 (27-10-75)	A process for producing amorphous alkalimetal alumino silicate base exchange materials.
143413 (16-11-74)	Method of manufacturing wet-process phosphoric acid
143432 (16-07-76)	A continuous oil distillation process and distillation plant therefor
143457 (02-01-75)	Process of producing styrene from toluene
143476 (23-07-76)	Method of thickening granulated slag slurry at production of granulated slag
143478 (20-05-75)	Process for the production of trisazo dyestuffs
143503 (19-08-75)	Process for the preparation of easily dispersible phthalocyanine pigments of the $\beta$ -modification.

## RENEWAL FEES PAID

108401 108617 113028 113383 113413 113458 113613 113647  
113799 113811 114568 115116 118860 118986 119028 119053  
119105 119106 119134 119651 120424 121489 124269 124270  
124382 124412 124426 124483 124494 124495 125068 126176  
129478 129488 129500 129553 129619 129650 129675 129748  
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## CESSATION OF PATENTS

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143240 143836 147566

## RESTORATION PROCEEDINGS

## (1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 120359 granted to Dorr-Oliver Incorporated assigned to Edconco Inc subsequently, for an invention relating to "process of treating de-hulled and de-linted cotton seeds".

The patent ceased on the 15th March 1981 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III Section 2 dated the 28th November, 1981. Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 2nd March, 1982 under Rule 69 of the Patents Rules 1972. A written statement in triplicate setting out the nature of the Opponent's interest the facts upon which he bases his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

## (2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 140997 granted to Council of Scientific and Industrial Research for an invention relating to "a collimating system for X-ray topography cameras and similar equipments".

The patent ceased on the 31st October 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III Section 2 dated the 28th November, 1981. Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 2nd March, 1982 under Rule 69 of the Patents Rules 1972. A written statement in triplicate setting out the nature of the Opponent's interest the facts upon which he bases his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application for restoration of Patent No. 142196 dated the 2nd January, 1976 made by Eli Lilly and Company on the 2nd January, 1981 and notified in the Gazette of India, Part-III, Section 2 dated the 30th May, 1981 has been allowed and the said patent restored.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 145995 granted to Linde Aktiengesellschaft for an invention relating to "apparatus for the breeding of aquatic animals".

The patent ceased on the 1st November, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 28th November 1981. Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patent. The Patent Office, 214, Acharya Jagdish Bose Road, Calcutta-17, on or before the 2nd March, 1982 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 150621. Jayan Trading Corporation of 3488, Gali Bajrang Bali, Chawri Bazar, Delhi-110006, an Indian Partnership Concern. "Door Bolt", March 31, 1981.

Class. 1. No. 150665. Dr. Ashok Kumar Saxena, Nagla Bhawani, Mahabat Pur, Bhongaon, Mainpuri, Uttar Pradesh State, an Indian National. "Loaded Electrode Syringe". April 13, 1981.

Class. 1. No. 150666. Dr. Ashok Kumar Saxena Nagla Bhawani, Mahabat Pur, Bhongaon, Mainpuri, Uttar Pradesh, an Indian National. "Electrode Introducer". April 13, 1981.

Class. 1. No. 150667. Dr. Ashok Kumar Saxena, Nagla Bhawani, Mahabat Pur, Bhongaon, Mainpuri, Uttar Pradesh an Indian National. "Electrical Bone Stimulator". April 13, 1981.

Class. 1. No. 150748. Unident India of 77/5621, Regharpura, Karolbagh, New Delhi-110005, India, a proprietorship concern. "Dental Lathe". May 11, 1981.

Class. 1. No. 150876. K. A. S. Oberoi of 15/33, West Patel Nagar, New Delhi-110008, India, an Indian National of the above address. "Portable Gas Stove". June 8, 1981.

Class. 3. No. 150464. Indo Medico Engineers of 4277, Arya Pura, Subzi Mandi, Delhi-110007, an Indian Partnership Concern. "Ruben Valve". February 26, 1981.

Class. 3. No. 150465. Indo Medico Engineers, 4277, Arya Pura, Subzi Mandi, Delhi-110007, an Indian Partnership Concern. "Rosuscitator for artificial respiration". February 26, 1981.

Class. 3. No. 150664. Indian Engineering Works, 23/35, Samaipur, Badli Station Road, Delhi-110042, India, a partnership concern. "Baby Walker". April 13, 1981.

S. VEDARAMAN

Controller General of Patents, Designs and Trade Marks